NOTES

Dimensions are not to be scaled.

Contractor must verify all dimensions at site before commencement of any work. Contractor must notify Architect and/or Project Manager of all discrepancies in drawing.

All levels given are Finished Floor Levels unless mentioned otherwise.

Refer this drawing along with other relevant architectural, structural & other services drawings, before the execution of work, related to this drawing at site.

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FAR CALCULATIONS OF EACH BUILDING BLOCKS

BUILDING BLOCKS	CLUSTER-1A	CLUSTER-1B	CLUSTER-1C	CLUSTER-1D	CLUSTER-1E	CLUSTER-1F	CLUSTER-2	CLUSTER-3	CLUSTER-4	COMMERCIAL	CONVENIENCE	EWS
	1A	1B	1C	1D	1E	1F	2	3	4	5	6	7
TOTAL BLOCKS	1	1	1	1	1	1	1	1	1	1	1	1
PLOT NO.												
BASEMENT FLR	10180	10180	10180	10180	10180	10180	10180	10180	10180	10180	10180	10180
STILT FLR	9274.774	9274.774	9274.774	9274.774	9274.774	9274.774	9274.774	9274.774	9274.774	9274.774	9274.774	9274.774
1st FLR	9274.774	9274.774	9274.774	9274.774	9274.774	9274.774	9274.774	9274.774	9274.774	9274.774	9274.774	9274.774
2nd FLR	9274.774	9274.774	9274.774	9274.774	9274.774	9274.774	9274.774	9274.774	9274.774	9274.774	9274.774	9274.774
3rd FLR	9274.774	9274.774	9274.774	9274.774	9274.774	9274.774	9274.774	9274.774	9274.774	9274.774	9274.774	9274.774
4th FLR	9274.774	9274.774	9274.774	9274.774	9274.774	9274.774	9274.774	9274.774	9274.774	9274.774	9274.774	9274.774
5th FLR	9274.774	9274.774	9274.774	9274.774	9274.774	9274.774	9274.774	9274.774	9274.774	9274.774	9274.774	9274.774
6th FLR	9274.774	9274.774	9274.774	9274.774	9274.774	9274.774	9274.774	9274.774	9274.774	9274.774	9274.774	9274.774
7th FLR	9274.774	9274.774	9274.774	9274.774	9274.774	9274.774	9274.774	9274.774	9274.774	9274.774	9274.774	9274.774
8th FLR	9274.774	9274.774	9274.774	9274.774	9274.774	9274.774	9274.774	9274.774	9274.774	9274.774	9274.774	9274.774
9th FLR	9274.774	9274.774	9274.774	9274.774	9274.774	9274.774	9274.774	9274.774	9274.774	9274.774	9274.774	9274.774
10th FLR	9274.774	9274.774	9274.774	9274.774	9274.774	9274.774	9274.774	9274.774	9274.774	9274.774	9274.774	9274.774
11th FLR	9274.774	9274.774	9274.774	9274.774	9274.774	9274.774	9274.774	9274.774	9274.774	9274.774	9274.774	9274.774
12th FLR	9274.774	9274.774	9274.774	9274.774	9274.774	9274.774	9274.774	9274.774	9274.774	9274.774	9274.774	9274.774
13th FLR	9274.774	9274.774	9274.774	9274.774	9274.774	9274.774	9274.774	9274.774	9274.774	9274.774	9274.774	9274.774
14th FLR	9274.774	9274.774	9274.774	9274.774	9274.774	9274.774	9274.774	9274.774	9274.774	9274.774	9274.774	9274.774
15th FLR	9274.774	9274.774	9274.774	9274.774	9274.774	9274.774	9274.774	9274.774	9274.774	9274.774	9274.774	9274.774
16th FLR	9274.774	9274.774	9274.774	9274.774	9274.774	9274.774	9274.774	9274.774	9274.774	9274.774	9274.774	9274.774
17th FLR	9274.774	9274.774	9274.774	9274.774	9274.774	9274.774	9274.774	9274.774	9274.774	9274.774	9274.774	9274.774
18th FLR	9274.774	9274.774	9274.774	9274.774	9274.774	9274.774	9274.774	9274.774	9274.774	9274.774	9274.774	9274.774
19th FLR	9274.774	9274.774	9274.774	9274.774	9274.774	9274.774	9274.774	9274.774	9274.774	9274.774	9274.774	9274.774
20th FLR	9274.774	9274.774	9274.774	9274.774	9274.774	9274.774	9274.774	9274.774	9274.774	9274.774	9274.774	9274.774
21st FLR	9274.774	9274.774	9274.774	9274.774	9274.774	9274.774	9274.774	9274.774	9274.774	9274.774	9274.774	9274.774
22nd FLR	9274.774	9274.774	9274.774	9274.774	9274.774	9274.774	9274.774	9274.774	9274.774	9274.774	9274.774	9274.774
23rd FLR	9274.774	9274.774	9274.774	9274.774	9274.774	9274.774	9274.774	9274.774	9274.774	9274.774	9274.774	9274.774
24th FLR	9274.774	9274.774	9274.774	9274.774	9274.774	9274.774	9274.774	9274.774	9274.774	9274.774	9274.774	9274.774
25th FLR	9274.774	9274.774	9274.774	9274.774	9274.774	9274.774	9274.774	9274.774	9274.774	9274.774	9274.774	9274.774
26th FLR	9274.774	9274.774	9274.774	9274.774	9274.774	9274.774	9274.774	9274.774	9274.774	9274.774	9274.774	9274.774
27th FLR	9274.774	9274.774	9274.774	9274.774	9274.774	9274.774	9274.774	9274.774	9274.774	9274.774	9274.774	9274.774
28th FLR	9274.774	9274.774	9274.774	9274.774	9274.774	9274.774	9274.774	9274.774	9274.774	9274.774	9274.774	9274.774
29th FLR	9274.774	9274.774	9274.774	9274.774	9274.774	9274.774	9274.774	9274.774	9274.774	9274.774	9274.774	9274.774
30th FLR	9274.774	9274.774	9274.774	9274.774	9274.774	9274.774	9274.774	9274.774	9274.774	9274.774	9274.774	9274.774
TOTAL	10180.31	10180.31	10180.31	10180.31	10180.31	10180.31	10180.31	10180.31	10180.31	10180.31	10180.31	10180.31
TOTAL AREA (BASEMENT+GROUND+UPPER)	105269.377											
TOTAL FAR	105269.377	SQ.M.										

DENSITY ..... 300 PPA

BUILDING BLOCKS	NUMBER OF BLOCKS	STOREY
CLUSTER 1 A	1	STILT+30
CLUSTER 1B	1	STILT+30
CLUSTER 1C	1	STILT+30
CLUSTER 1D	1	STILT+30
CLUSTER 1E	1	STILT+21
CLUSTER 1F	1	STILT+14
CLUSTER 2	1	STILT+17
CLUSTER 3	1	STILT+21
CLUSTER 4	1	STILT+14
EWS	1	GROUND+30
SERVANT ROOM		
COMMUNITY BUILDING	1	STILT
COMMERCIAL		GROUND+1 FLOOR
GATE &GUARD ROOMS		
TOTAL	15	

GROUND COVERAGE	TOTAL FAR	TOTAL NUMBER OF DUs	POPULATION
457.441	10713.81	100	500 (5 persons)
457.441	10259.05	96	480 (5 persons)
453.537	12838.35	120	600 (5 persons)
457.441	13179.35	102	549 (5 persons)
457.441	9015.71	84	420 (5 persons)
457.441	10293.93	96	480 (5 persons)
559.565	8556.60	80	360 (5 persons)
715.696	17501.34	81	420 (5 persons)
605.849	17768.86	46	230 (5 persons)
66.599	9602.23	150	390 (3 persons)
		66	175 (7 persons)
180.354	1308.56		
143.150	300.60		
90.000	90.00		
5867.80	105269.38	1040	4485

PARKING CALCULATION

ECS FOR FLATS 802 x 1.5 = 1203

TOTAL ECS REQUIRED = 1203 ECS

75% OF PARKING IN FLATS & EWS SHALL BE COVERED = 75% OF 1209 = 902

ECS RESERVED FOR EWS @ 5% = 60

5% OF NORMAL PARKING IN LOWER BASEMENT @	30186.63	\	3%	=	905.60	SAY=906
5% OF NORMAL PARKING IN LOWER BASEMENT @	30987.79	\	3%	=	929.63	SAY=930
5% OF NORMAL PARKING IN SURFACE (OPEN) @	14170.74	\	7.5	=	708.53	SAY=709
PROPOSED COVERED PARKING (UPPER BASEMENT)	179		A			
PROPOSED COVERED PARKING (LOWER BASEMENT)	588		B			
PROPOSED OPEN (SURFACE) PARKING	249		C			
TOTAL PARKING PROPOSED	A + B + C = 1416 ECS					

DU CALCULATION

FLOOR	CLUSTER-1A	CLUSTER-1B	CLUSTER-1C	CLUSTER-1D	CLUSTER-1E	CLUSTER-1F	CLUSTER-2	CLUSTER-3	CLUSTER-4
	1A	1B	1C	1D	1E	1F	2	3	4
STILT FLR	0	0	0	0	0	0	0	0	0
1st FLR	4	4	4	4	4	4	4	4	2
2nd FLR	4	4	4	4	4	4	4	4	2
3rd FLR	4	4	4	4	4	4	4	4	2
4th FLR	4	4	4	4	4	4	4	4	2
5th FLR	4	4	4	4	4	4	4	4	2
6th FLR	4	4	4	4	4	4	4	4	2
7th FLR	4	4	4	4	4	4	4	4	2
8th FLR	4	4	4	4	4	4	4	4	2
9th FLR	4	4	4	4	4	4	4	4	2
10th FLR	4	4	4	4	4	4	4	4	2
11th FLR	4	4	4	4	4	4	4	4	2
12th FLR	4	4	4	4	4	4	4	4	2
13th FLR	4	4	4	4	4	4	4	4	2
14th FLR	4	4	4	4	4	4	4	4	2
15th FLR	4	4	4	4	4	4	4	4	2
16th FLR	4	4	4	4	4	4	4	4	2
17th FLR	4	4	4	4	4	4	4	4	2
18th FLR	4	4	4	4	4	4	4	4	2
19th FLR	4	4	4	4	4	4	4	4	2
20th FLR	4	4	4	4	4	4	4	4	2
21st FLR	4	4	4	4	4	4	4	4	2
22nd FLR	4	4	4	4	4	4	4	4	2
23rd FLR	4	4	4	4	4	4	4	4	2
24th FLR	4	4	4	4	4	4	4	4	2
25th FLR	4	4	4	4	4	4	4	4	2
26th FLR	4	4	4	4	4	4	4	4	2
27th FLR	4	4	4	4	4	4	4	4	2
28th FLR	4	4	4	4	4	4	4	4	2
29th FLR	4	4	4	4	4	4	4	4	2
30th FLR	4	4	4	4	4	4	4	4	2
TOTAL	100	100	100	100	100	100	96	96	60

REQUIRED EWS UNITS = 802 @ 15/85 = 567 - 142

PROPOSED DUS (EWS) = 802 Nos.

SERVANT ROOMS = 141.53 Sq.m.

PROPOSED SERVICE PERSONAL SERVANT ROOMS = 88 Nos.

DU CALCULATION (SERVANT ROOM)

FLOOR	CLUSTER-2	CLUSTER-4
	2	4
STILT	0	0
1st FLR	2	2
2nd FLR	2	2
3rd FLR	2	2
4th FLR	2	2
5th FLR	2	2
6th FLR	2	2
7th FLR	2	2
8th FLR	2	2
9th FLR	2	2
10th FLR	2	2
11th FLR	2	2
12th FLR	2	2
13th FLR	2	2
14th FLR	2	2
15th FLR	2	2
16th FLR	2	2
17th FLR	2	2
18th FLR	2	2
19th FLR	2	2
20th FLR	2	2
21st FLR	2	2
22nd FLR	2	2
23rd FLR	2	2
24th FLR	2	2
25th FLR	2	2
26th FLR	2	2
27th FLR	2	2
28th FLR	2	2
29th FLR	2	2
30th FLR	2	2
TOTAL	62	66

DU CALCULATION (EWS)

FLOOR	EWS-BLOCK-1
BLOCKS	1
GRD FLR	STILT
1st FLR	35
2nd FLR	35
3rd FLR	45
4TH FLR	75
5TH FLR	25
6TH FLR	25
TOTAL	150
TOTAL DU's (FLATS)	
TOTAL	150

AREA SUMMARY

TOTAL PLOT AREA	15.0481	ACRES	
i.e	60897.400	SQ.MTRS.	
PERMISSIBLE GROUND COVERAGE @ 35% OF PLOT AREA		=	21314.090
PROPOSED GROUND COVERAGE		=	5867.799
			9.636%
PERMISSIBLE FAR @	175%	=	106570.450
PROPOSED FAR		=	105269.377
			172.863%
PERMISSIBLE DENSITY		=	4514.43 300 PPA
PROPOSED DENSITY		=	4486
		=	298.111 PPA
PROPOSED Dus		=	802
EWS TO BE PROVIDED		=	802 * 15/85
		=	141.53
EWS PROPOSED		=	150 No.
REQUIRED SERVANTS ROOM @ 10% OF DU'S		=	80.20 No.
PROPOSED		=	88 No.
MINIMUM REQUIRED ECS		=	1203 ECS (1.5XDU'S)
PROPOSED ECS		=	1416 ECS
REQUIRED ORGANIZED GREEN @ 15%		=	9134.61 sq mtrs.
PROPOSED GREEN		=	18360.20 sq mtrs.
			30.15%
PERMISSIBLE SHOPPING AREA @ 5%		=	304.49 sq mtrs.
PROPOSED SHOPPING AREA		=	300.50 sq mtrs.
PROPOSED AREA OF UPPER BASEMENT		=	24454.27 sq mtrs.
PROPOSED AREA OF LOWER BASEMENT		=	24454.27 sq mtrs.
TOTAL BASEMENT AREA		=	48908.54 sq mtrs.
PROPOSED CUMMUNITY		=	01 IN NO.
PROVIDED NURSERY SCHOOL-1		=	0.2 Acres
NURSERY SCHOOL - 2		=	0.2 Acres

TABLE = 1
LENGTH OF 7.5 M. WIDE ROAD

S.NO	NODE No. From	NODE No. To	Length (m)
1	1	2	48
2	2	3	33
3	3	4	66
4	4	5	33
5	5	6	96
6	6	7	9
7	8	9	45
8	9	10	33
9	10	11	45
10	12	13	9
11	6	13	30
12	13	14	66
13	14	15	33
14	16	17	60
15	17	18	27
16	18	19	57
17	19	20	18
18	14	21	108
19	22	01	102

TABLE = 2
LENGTH OF 6.5 M. WIDE ROAD

S.NO	NODE No. From	NODE No. To	Length (m)
1	23	24	51
2	24	25	57
3	26	27	30
4	27	28	78

NOTES:

1. FIRE SAFETY MEASURES:

WE SHALL PROVIDE THE PROVISION OF PROPER FIRE SAFETY MEASURES IN THE MULTI STOREYED BUILDINGS.

2. SOLAR WATER HEATING SYSTEM

THE PROVISION OF SOLAR WATER HEATING SYSTEM SHALL BE MADE OPERATIONAL IN EACH BUILDING BLOCK .

3. RAIN WATER HARVESTING SYSTEM.

WE SHALL PROVIDE THE RAIN WATER HARVESTING SYSTEM .

Checked and found ok for Public Health (Internal) Services only subject to comments in forwarding letter No. BSP/D/357 Dt. 24/8/12.

Superintending Engineer (P), PHC, Panchkula

Superintending Engineer, HUDA, Circle-II, Gurgaon

Executive Engineer, HUDA Divn. Div. VI Gurgaon

M.E.P Consultant: Consummate Engineering Services (P) Ltd.

Site Consultant: GIAN P. MATHUR & ASSOCIATES PVT. LTD. ARCHITECTS, ENGINEERS & PROJECT MANAGERS

Architects: GIAN P. MATHUR & ASSOCIATES PVT. LTD. ARCHITECTS, ENGINEERS & PROJECT MANAGERS

SANCTIONED

To be read in conjunction with permit No. BA/C/GGN/2013/0016 dated 3/9/13

Client: M/S MAPSKO BUILDERS PVT. LTD. SEC - 82 & 83 GURGAON

Project Code: 022(HT)/MOUNT VILL/GURGAON

Project Title: RESIDENTIAL GROUP HOUSING COLONY MEASURING 15.387 ACRE LICENSE NO. 38 of 2012) IN SECTOR -78,79 GURGAON DEVELOPED BY M/S MAPSKO BUILDERS PVT. LTD.

Checked subject to comments in forwarding letter No. 3353 Dt. 13/5/14 and notes attached with the estimate

Executive Engineer (M) for Chief Engineer, HUDA Panchkula 13/5/14

Drawing Title: ROAD LENGTH PLAN

Status: SUBMISSION DRAWING

OWNER'S SIGN: For Mapsko Builders Pvt. Ltd. Authorised Signatory

ARCHITECT'S SIGN: GIAN P. MATHUR ARCHITECT B. Arch. M.C.A.A.I.A. CA No. 80.5769

Date: 25/08/11 Scale: 1:400 Drawing No. GPM/N/SUB-10C

For Mapsko Builders Pvt. Ltd. Authorised Signatory

Director General Town & Country Planning, Haryana, Chandigarh